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(74) Agent: **MAURER, Barbara**; University of Medicine and
Dentistry of New Jersey, Office of Patents and Licensing,
335 George Street, Suite 3200, New Brunswick, NJ 08901
(US).

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(71) Applicant (*for all designated States except US*): **UNI-
VERSITY OF MEDICINE AND DENTISTRY OF
NEW JERSEY** [US/US]; Office of Patents and Licensing,
335 George Street, Suite 3200, New Brunswick, NJ 08901
(US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **HANAUSKE-
ABEL, H., M.** [DE/US]; 368 Mauro Road, Englewood
Cliffs, NJ 07632 (US). **PALUMBO, Paul** [US/US]; 230
Edgewood Ave., Westfield, NJ 07090 (US). **CRACCHI-
OLO, B., M.** [—/US]; 368 Mauro Road, Englewood
Cliffs, NJ 0732 (US). **PARK, Myung-Hee** [US/US]; 8605
Fox Run, Potomac, MD 20854 (US). **WOLFF, Edith,
C.** [US/US]; 7917 Deepwell Drive, Bethesda, MD 20817
(US). **HANAUSKE, Axel-Rainer** [DE/DE]; Ahrens-
berger Weg 129 B, 22359 (DE). **MATHEWS, Michael, B.**
[US/US]; 18 Princeton Place, Montclair, NJ 07043 (US).
SAXENA, Deepti [IN/US]; 851 Springfield Ave., # 17E,
Summit, NJ 07901 (US). **HOQUE, Mainul** [IN/US]; 381
Broad Street, # A904, Newark, NJ 07104 (US).

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(54) Title: METHOD OF PREVENTING SURVIVAL OF RETROVIRALLY CELLS AND OF INHIBITING FORMATION OF
INFECTIOUS RETROVIRUSES

(57) Abstract: The present invention discloses compounds and pharmaceutical compositions which are highly effective at inhibit-
ing the accumulation of spliced and unspliced viral transcripts and their utilization for viral protein synthesis at cellular ribosomes,
and at inhibiting the formation of the hypusine residue in cellular eIF-5A precursor proteins, the cellular cofactors that render spliced
and unspliced viral transcripts translatable at the ribosomes of infected cells. The invention further relates to methods of using such
compounds and pharmaceutical compositions therefrom for inhibiting or preventing viral protein synthesis. Such inhibition causes
a dose-dependent release from the virally induced arrest of the otherwise genetically preprogrammed apoptosis of virally infected
cells, and in consequence, triggers their apoptotic ablation and the eradication of the chronic infection-mediating provirus integrated
into their genome.

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